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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Mitsuaki OSHIMA et al.

Serial No. 09/669,916

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SUBMISSION OF FORMAL DRAWINGS

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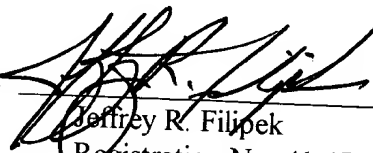
Sir:

In accordance with Patent Office practice, submitted herewith are formal drawings for Figs. 2, 10, 17, 29, 48, 65, 67, 93, 112, 131, 138, 144 and 169 (13 sheets).

Respectfully submitted,

Mitsuaki OSHIMA et al.

By:



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August 1, 2003

FIG. 2 (Amended)

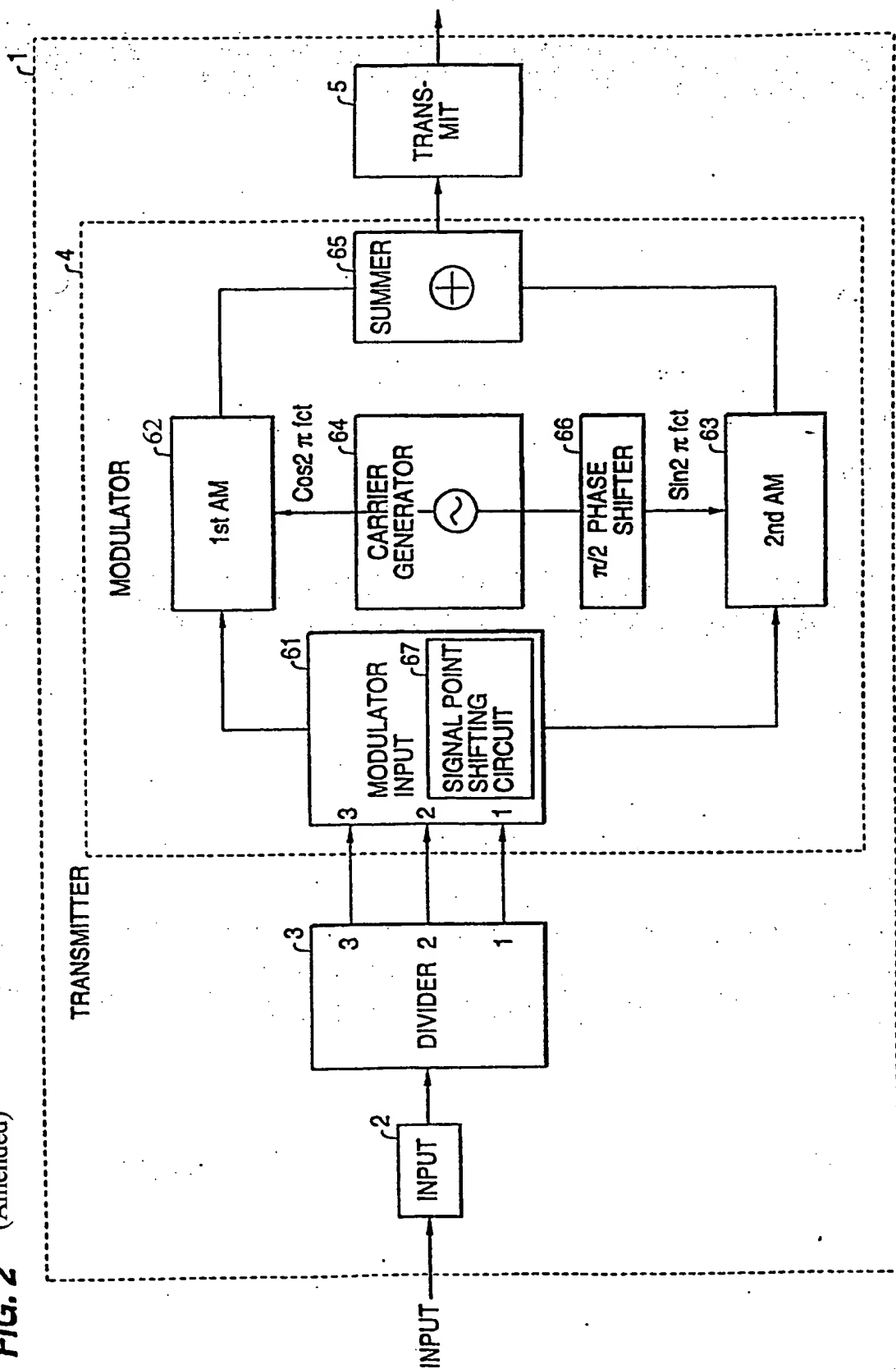




FIG. 10 (Amended)

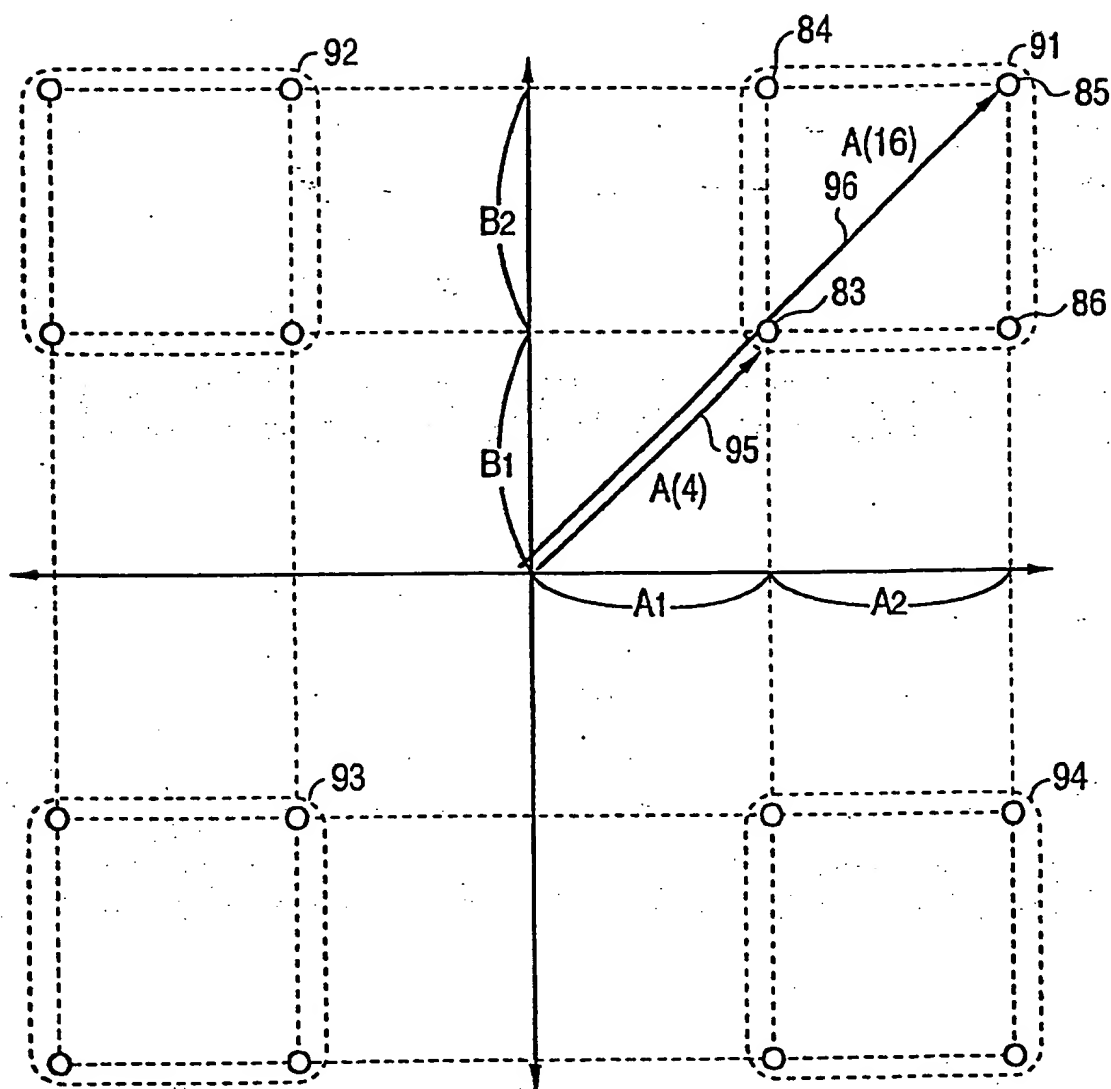




FIG. 17 (Amended)

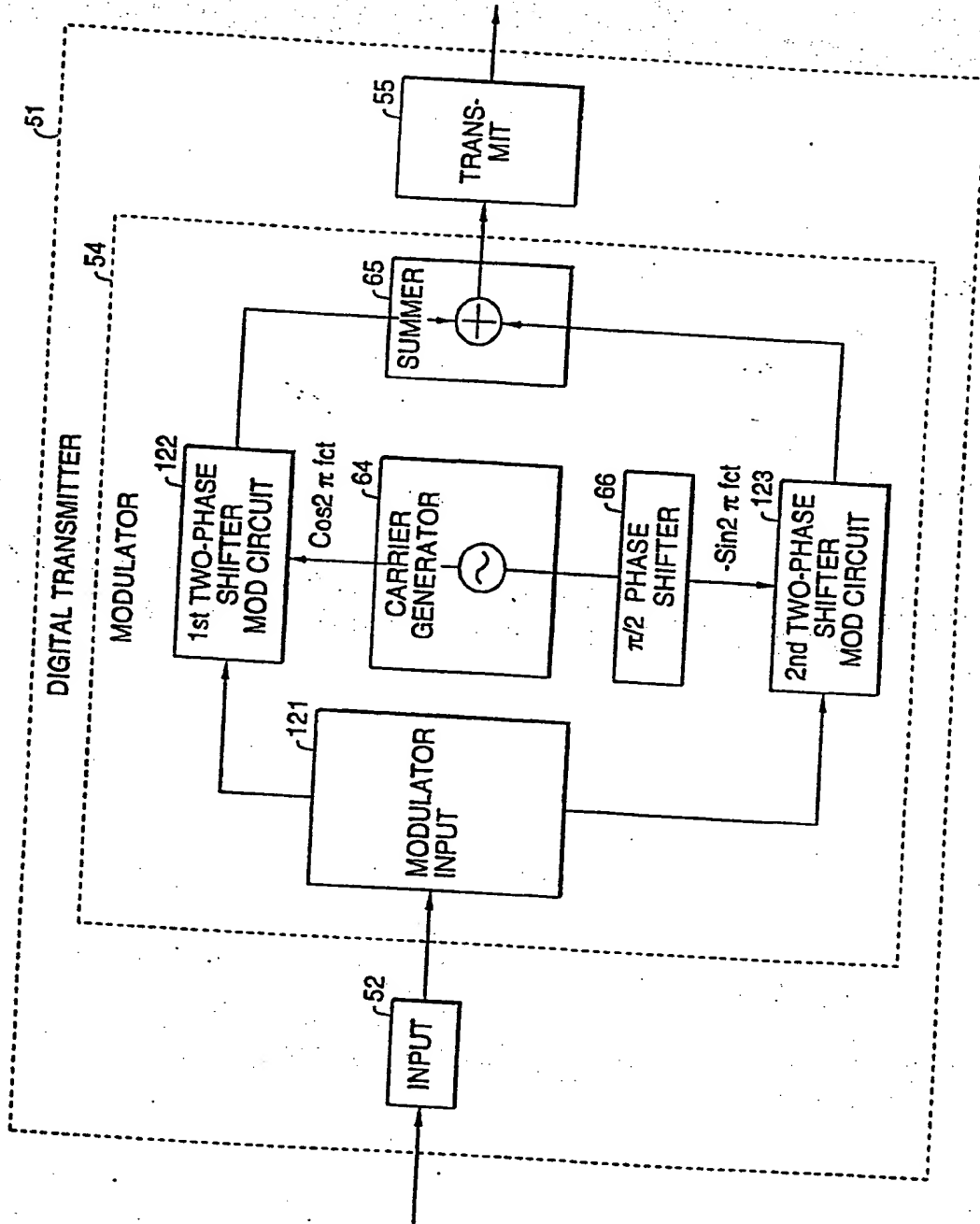




FIG. 29 (Amended)

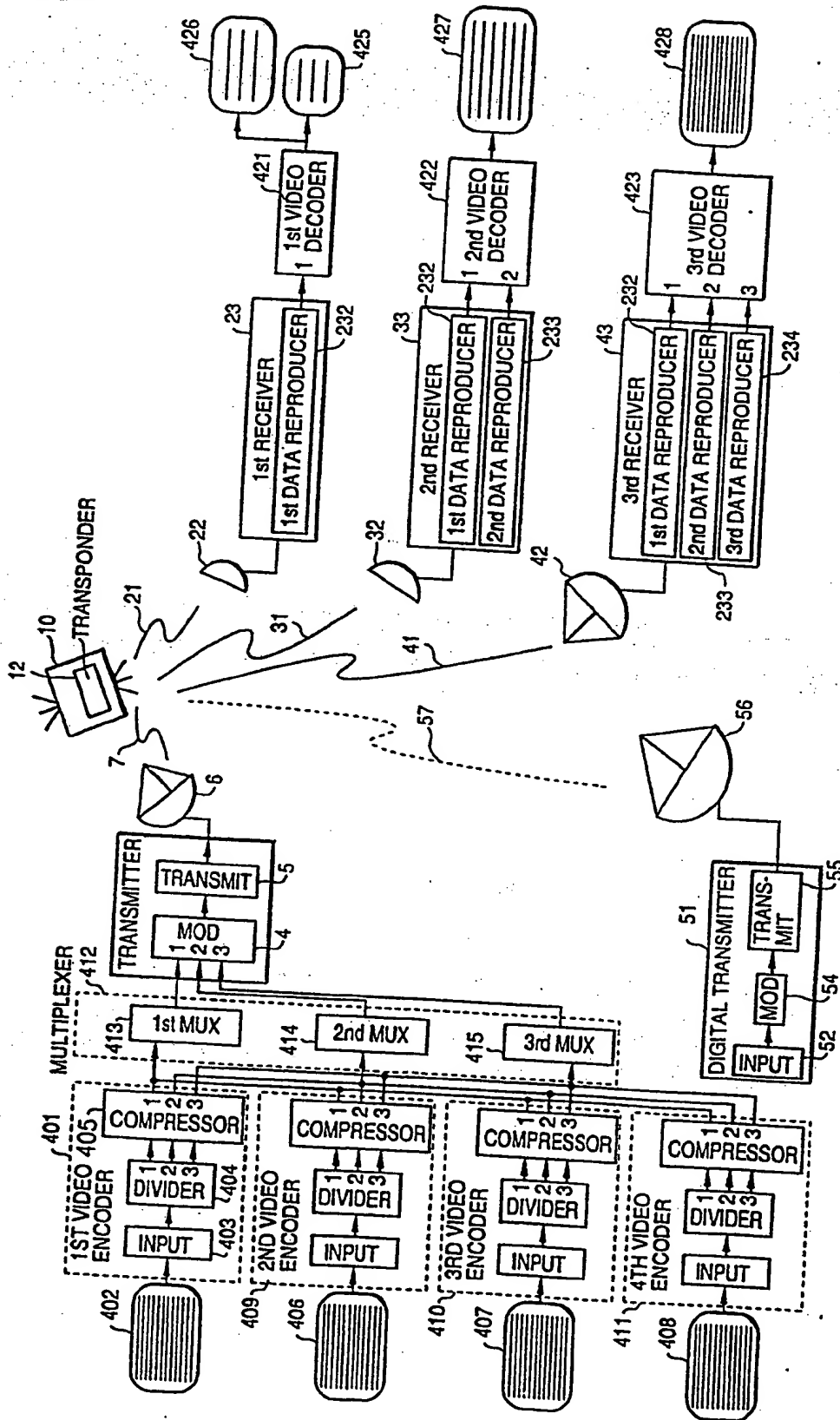




FIG. 48 (Amended)

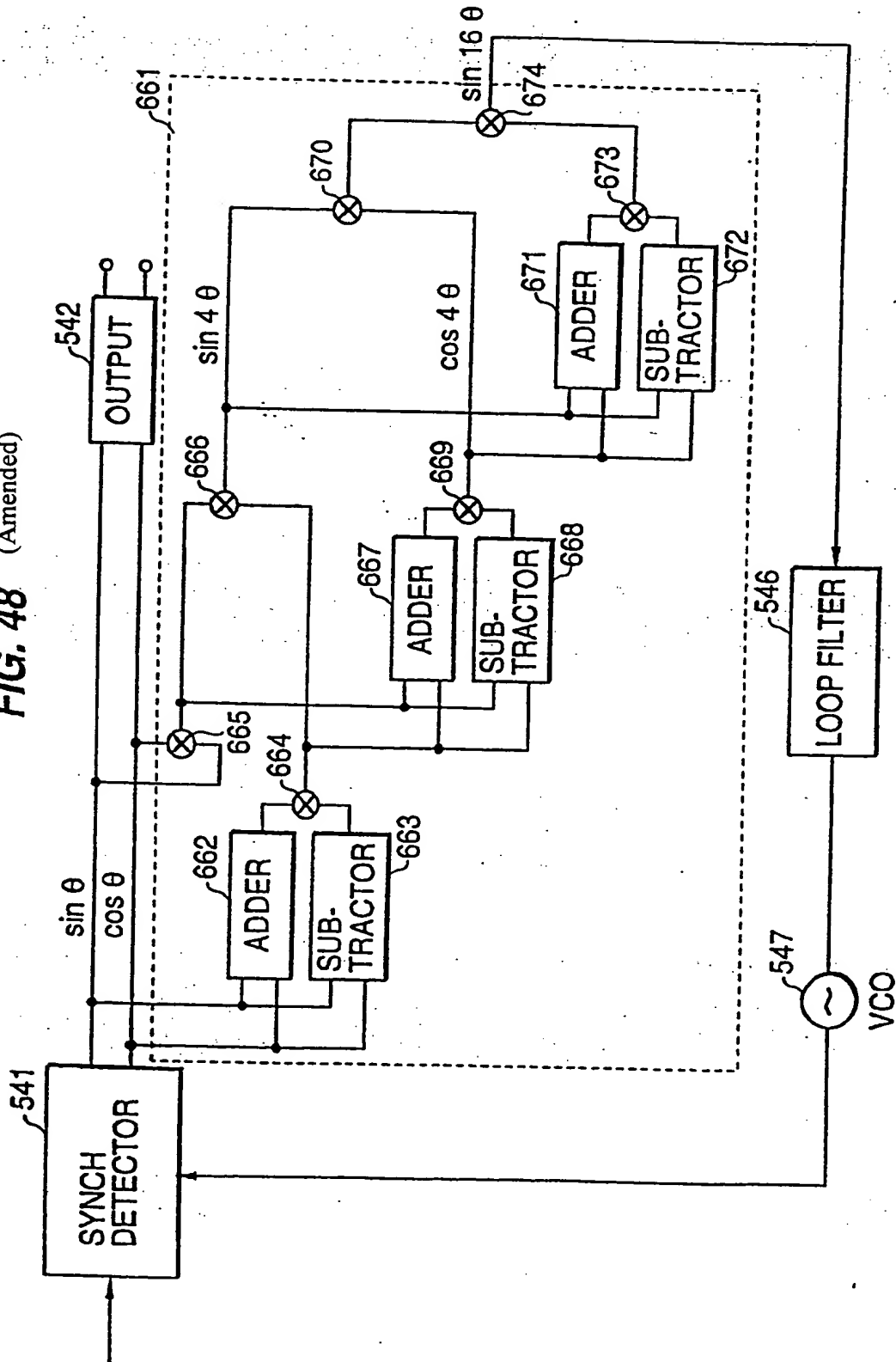


FIG. 65 (Amended)

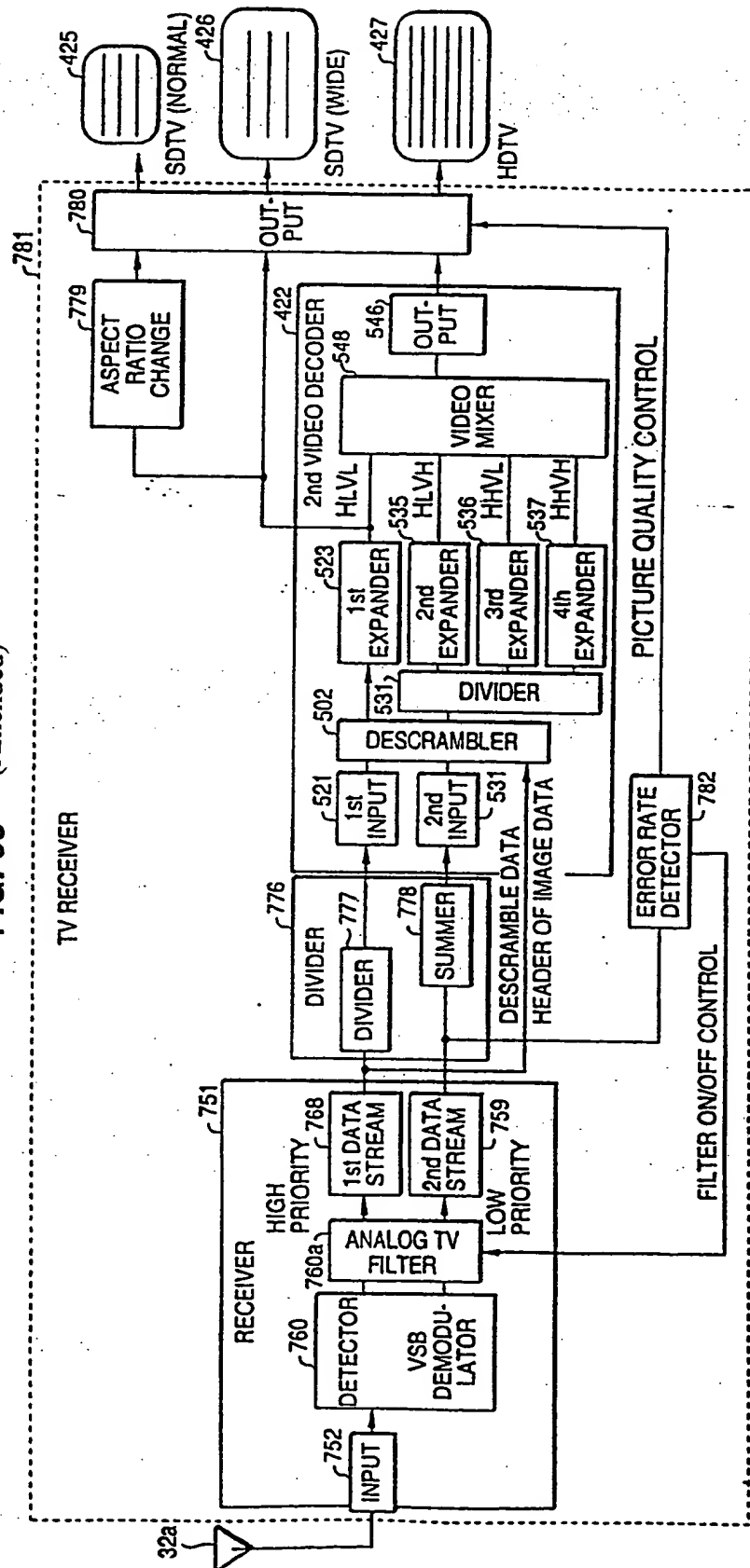


FIG. 67 (Amended)

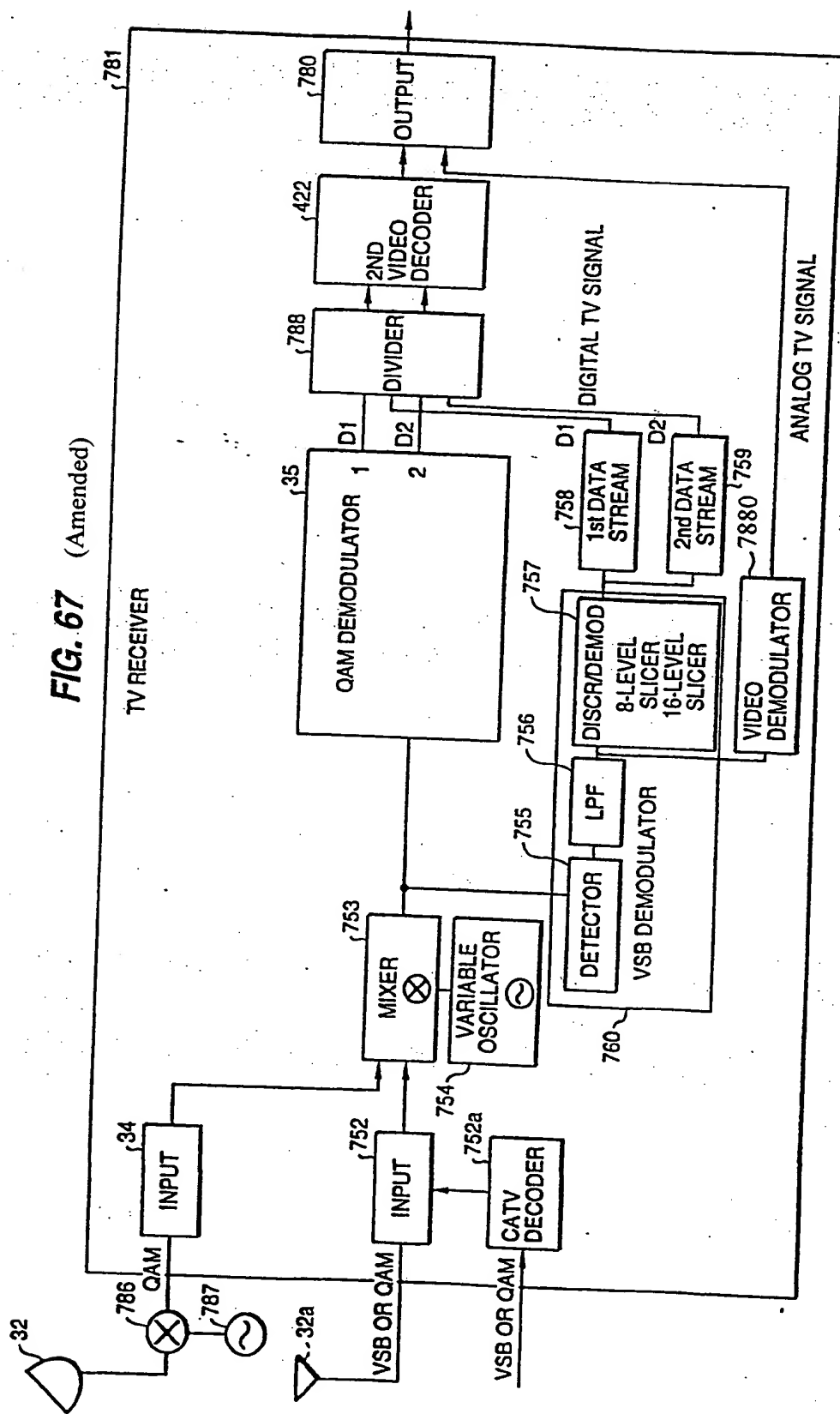


FIG. 93 (Amended)

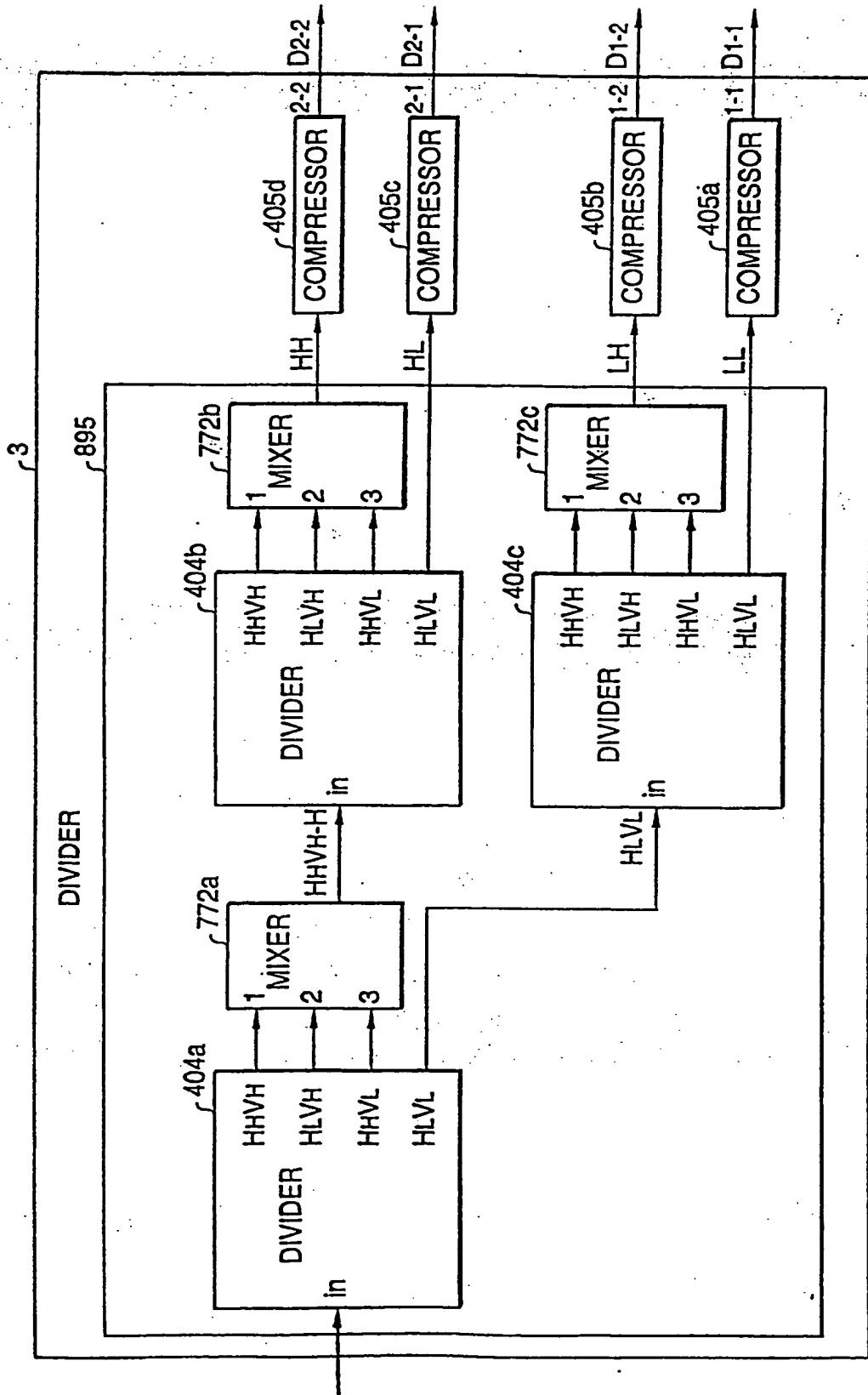
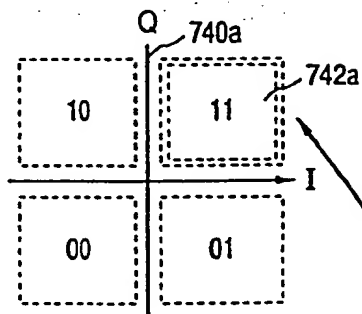


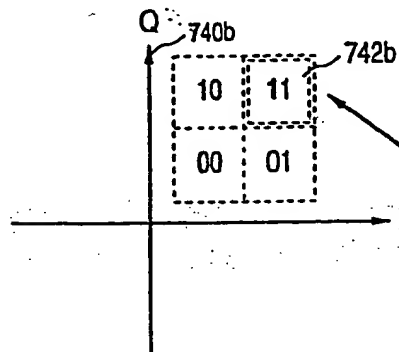


FIG. 112 (Amended)

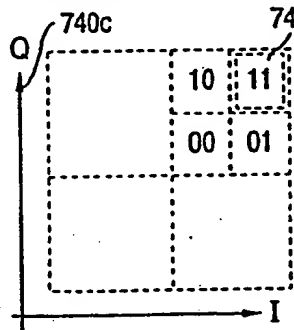
SUBCHANNEL-1 (SRQAM:D1 = 2bit)



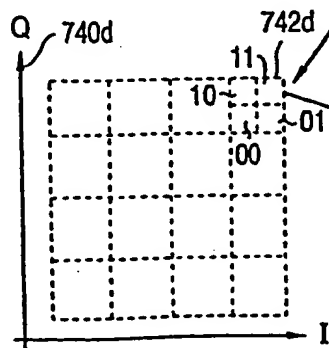
SUBCHANNEL-2 (16-SRQAM:D2 = 2bit)



SUBCHANNEL-3 (64-SRQAM:D3 = 2bit)



SUBCHANNEL-4 (256-SRQAM:D4 = 2bit)



CODE WORD-1

CODE WORD-2

CODE WORD-3

CODE WORD-4

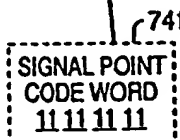
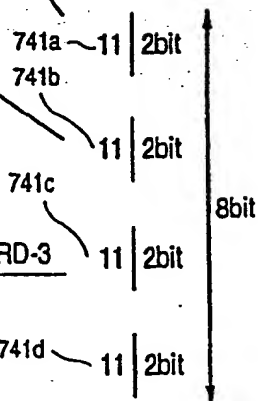




FIG. 131 (Amended)

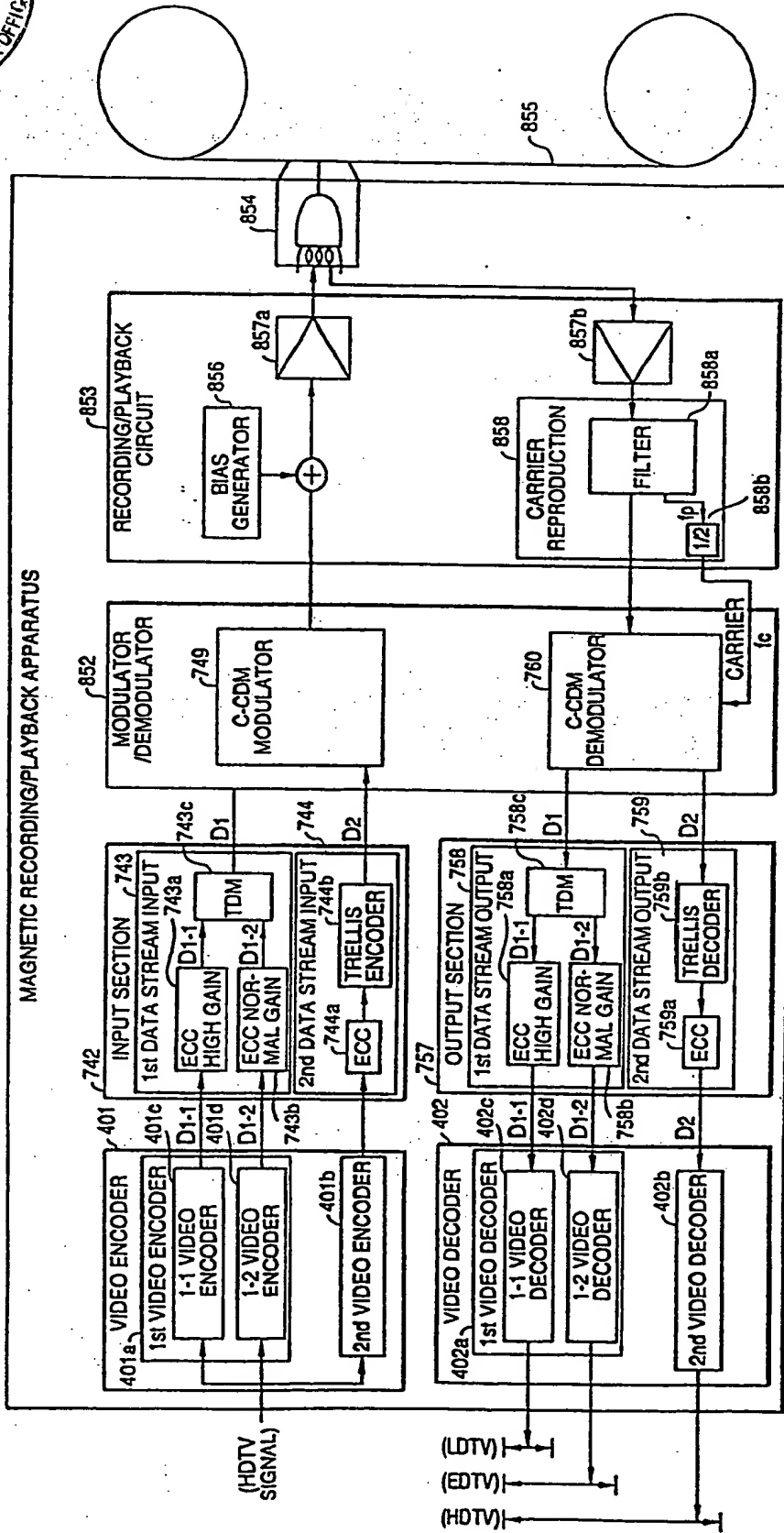


FIG. 138 (Amended)

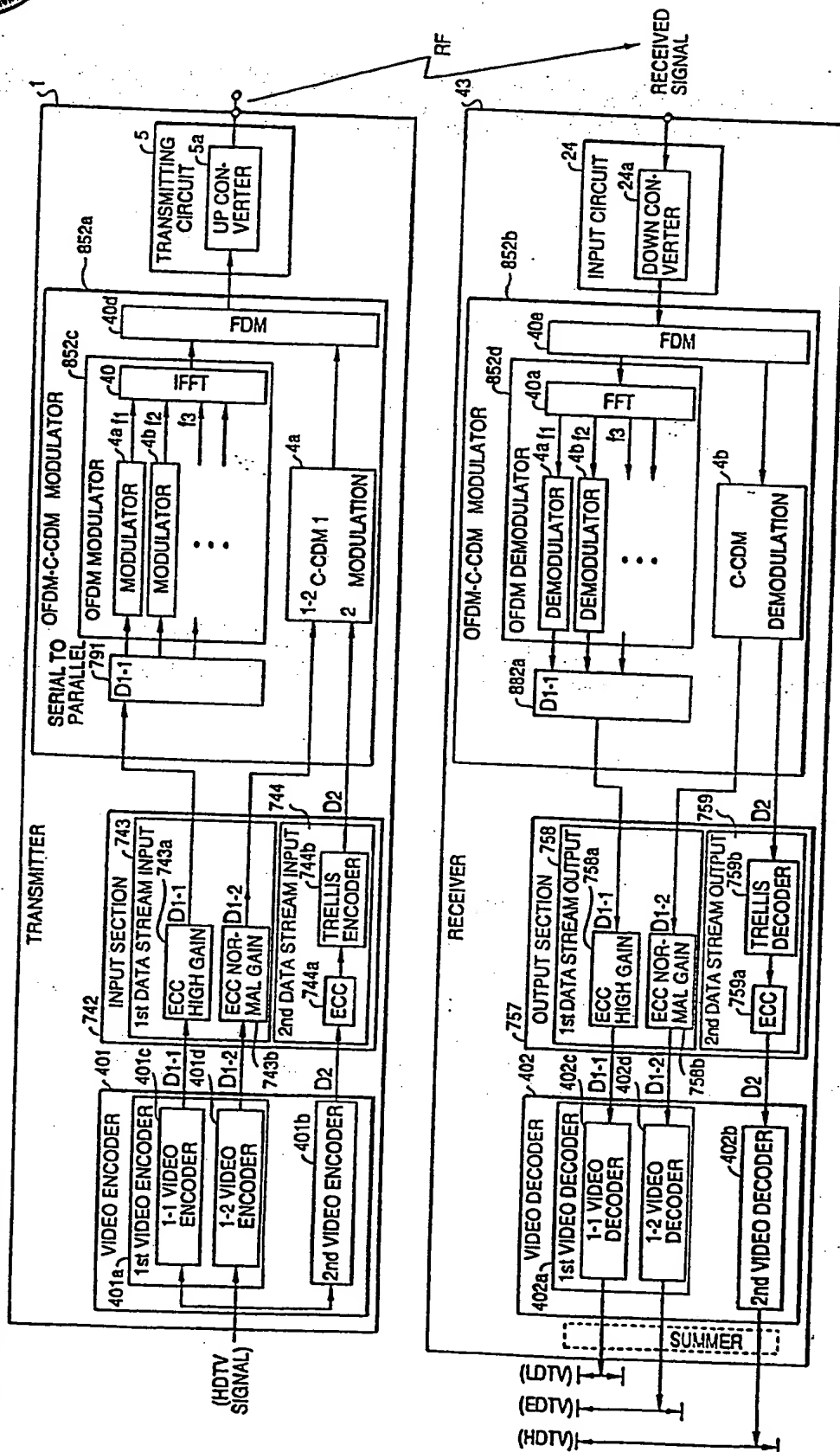




FIG. 144 (Amended)

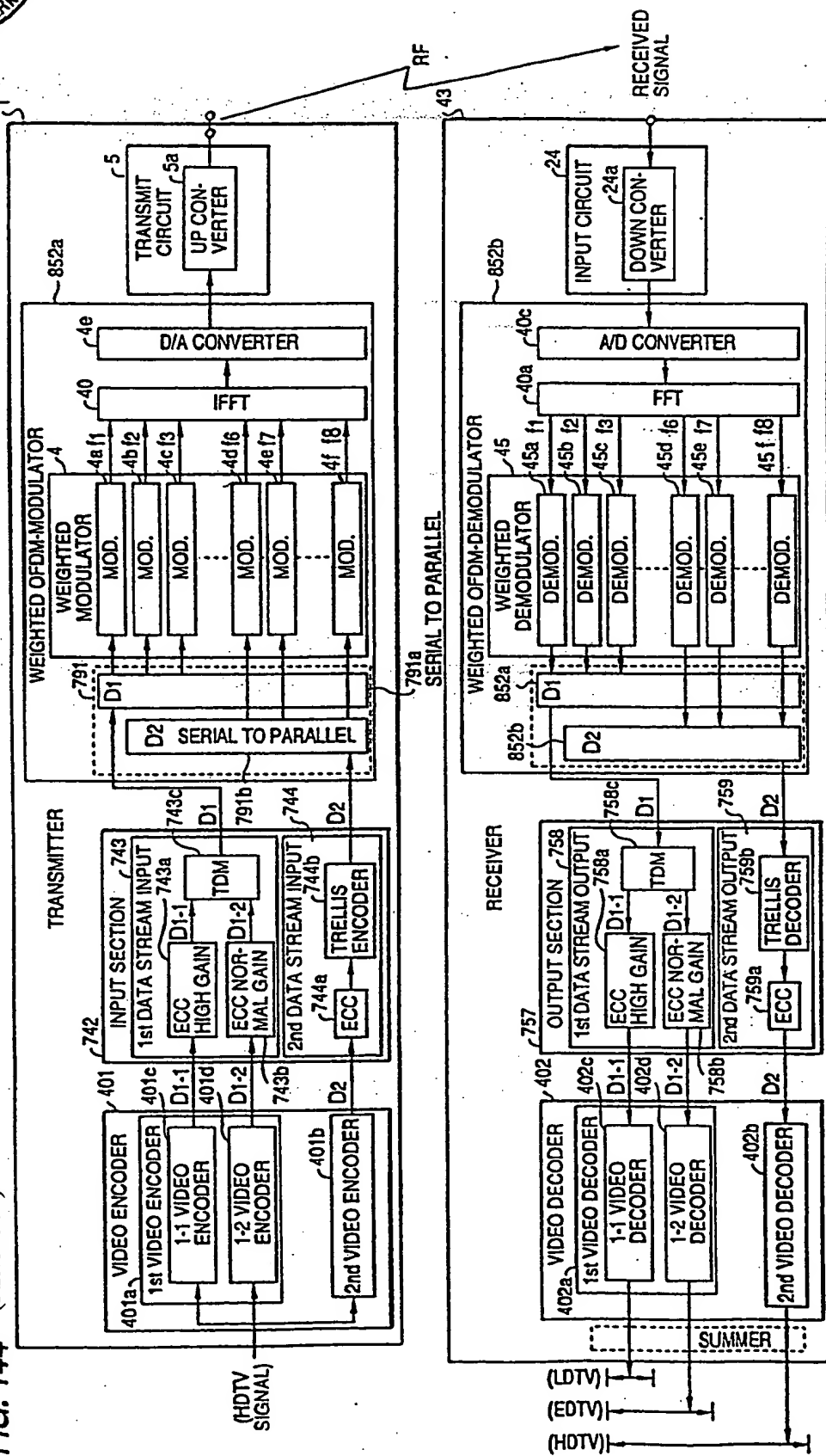




FIG. 169 (Amended)

COMPARISON OF REDUNDANCY

